LED TAILOR®
Blue is Clean™

Customer Experience:
Laboratory
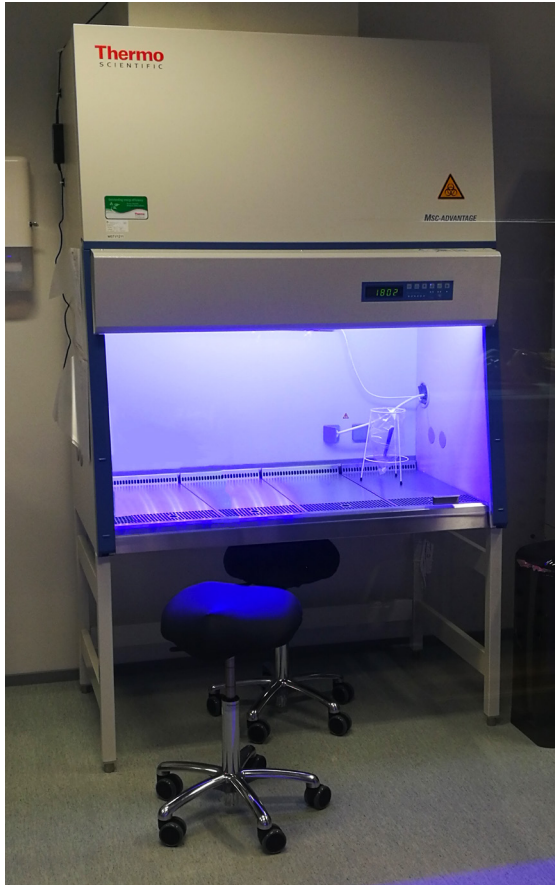
ThermoFisher SCIENTIFIC

PROBLEM:
Thermo Fisher Scientific develops, manufactures, distributes and services laboratory devices and equipment. High level of technology, quality and purity of the products set high requirements also for the production environment. The company also has microbiological laboratories where protective and containment measures are used to limit the release of microbes outside the premises. They decided to comprehensively introduce photon disinfection in their laboratories and production areas to further improve safety and protective measures of their premises and equipment.

SOLUTION:
Comprehensive surface disinfection of laboratories is implemented by installing WiSDOM AiR 650 photon disinfection luminaires on ceiling and wall surfaces. Disinfection is controlled by presence detectors, which automatically switch on blue lights when the room is unoccupied. In addition, a movable WiSDOM AiR MOBiLE is used to easily target and boost the disinfection on selected areas, such as insides of devices with microbial contamination. Biological safety cabinet is disinfected with a WiSDOM AiR LiNE photon disinfection luminaire and it didn't even need to have holes drilled for installation, since it attaches on to the sidewall of the cabinet with magnets. Amount of bioburden transferring out from laboratories is minimized with WiSDOM DS surface disinfection box, by efficiently disinfecting small objects that are brought out from the laboratory, if for example disinfecting with ethanol seems inconvenient.

BENEFITS:
"Microbial exposure of our working environment and premises can constantly be retained on an appropriate level by using photon disinfection. Blue light is very suitable for this purpose, since it's safe and does not harm materials. LED Tailor delivered a comprehensive disinfection solution quickly and easily. In the future LED Tailor's solutions can be introduced in to our other premises too."

- Suvi Teräslahti, Production Engineer